



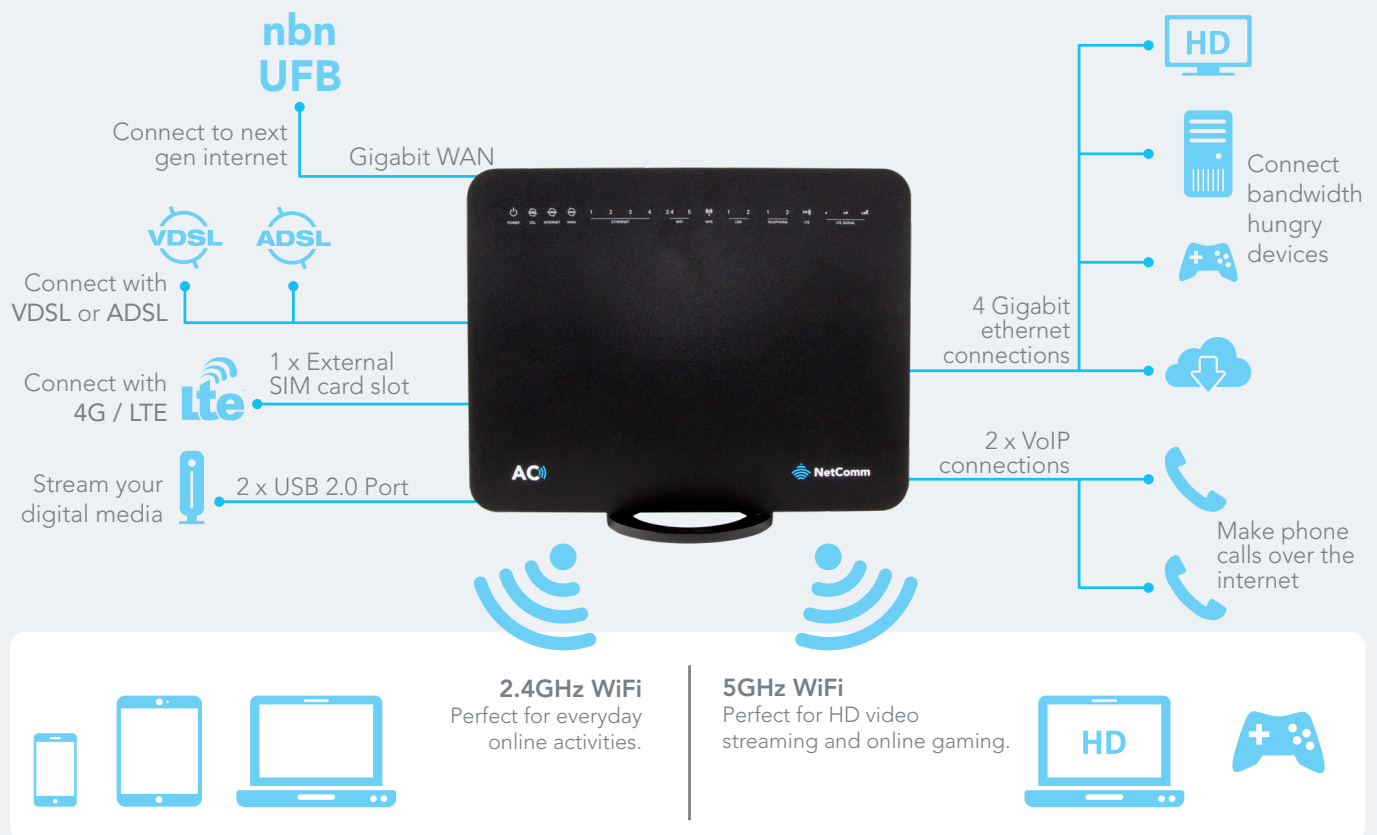
Enhanced Hybrid 4G LTE Gateway

NL1901ACV

Say goodbye to network interruptions.

The new generation of hybrid LTE/ DSL enhanced gateways designed to provide uninterrupted connectivity.

Interfaces



Perfect for

- Ultra-fast connection to nbn or UFB fibre networks
- High-speed connection to VDSL2/ ADSL2+ networks
- Fast 4G LTE back up connection
- Small to medium enterprises looking for reliable “always on” connectivity
- Triple play services
- Establishing a powerful wireless network

Features at a glance

- Fully featured hybrid LTE/ DSL gateway
- VDSL2/ ADSL2+
- Embedded 4G LTE Cat 4 / 3G module
- 1x Gigabit Ethernet WAN port
- New generation 802.11 AC1600, dual band concurrent WiFi - designed to provide a powerful wireless network
- 2x WPS push buttons for the quick and easy connection of wireless devices on both 2.4GHz and 5GHz bands
- External SIM card slot
- VoIP for HD quality voice calls - connect up to 2 telephones
- 4 x Gigabit Ethernet 10/100/1000 LAN ports
- 2 x USB 2.0 ports
- Device performance monitoring and management through TR-069

Key features



NBN UFB

NBN and UFB ready

Featuring VDSL2/ADSL2+ technologies as well as a Gigabit WAN port and 4G LTE connectivity, the NL1901ACV is an all-in-one triple play smart gateway that provides access to all nbn and UFB fibre network configurations: FTTC, FTTN, FTTB and FTTH.



Undisrupted connectivity

Benefit from hybrid technology to offer undisrupted broadband experience from the very start. Equipped with a 4G LTE category 4 module, the NL1901ACV hybrid gateway will connect to the mobile network to:

- Offer 4G fall back connectivity - automatic switch to the 4G mobile network in case the fixed line service is disrupted and back, guaranteeing continuity of online operations during downtime.
- Connect sooner – the NL1901ACV enables superfast internet access before the fixed line service is even activated, allowing end users to connect faster, without waiting period!

AC

Enhanced wireless experience

The NL1901ACV gateway embeds the 802.11 AC WiFi standard for powerful access point and HD video grade wireless capabilities. It allows both 2.4GHz and 5GHz bands to work concurrently, optimising performances and ensuring interoperability with all wireless equipment in the house or office.

Equipped with advanced 3 x 3 MIMO internal antennas, the NL1901ACV provides optimum reception while offering a strong signal throughout the home or business facilities.

Technical Specifications



MODEL NUMBER

- NL1901ACV-01-01

VDSL

- PPPoE/IPoA/ Static IP/Dynamic IP/Bridge
- ITU-T G.992.2 VDSL2
- Supports 8a,8b,12a,12b,17a profile
- Supports G.INP

ADSL2+

- PPPoE/PPPoA/IPoA/Static IP/Dynamic IP/ Bridge
- ITU G.992.1 (G.dmt)
- ITU G.992.2 (G.lite)
- ITU G.992.3
- ITU G.992.3 (Annex J)
- ITU G.992.3 (Annex L)
- ITU G.992.5
- ITU G.992.5 (Annex M)
- Supports multiple PVCs

CELLULAR WAN

- Quectel EC25-AU

LTE Bands:

- FDD:1,3,4,5,7,8,28
- TDD: 40

WCDMA Bands:

- B1/B2/B5/B8

GSM Bands:

- B2/B3/B5/B8

ETHERNET WAN

- PPPoE, DHCP client, Static IP

DEVICE INTERFACES

- 1 x RJ45 10/100/1000Mbps WAN port
- 1 x ADSL / VDSL port
- 4 x RJ45 10/100/1000Mbps LAN ports
- 2 x RJ11 Phone port (VoIP)

- 2 x USB 2.0 Ports (storage)
- 1 x Reset button
- 2 x WPS buttons (2.4GHz and 5GHz)
- 1 x Power jack
- 1 x Power switch
- LED (Power/DSL/Internet/WAN/LAN1-4/2.4GHz/5GHz/WPS/USB1-2/Phone1-2/LTE)

WIRELESS

- Compatible with IEEE 802.11b, IEEE 802.11g, IEEE 802.11n and IEEE 802.11ac
- Supports concurrent dual band (2.4GHz/5GHz) wireless
- SSID broadcast or in stealth mode
- Auto/Manual Channel selection
- WEP/WPA/WPA-PSK/WPA2/WPA2-PSK
- WPS button (WiFi Protected Setup)

ANTENNAS

- 3x3 Internal antennas (802.11ac)
- 2x2 Internal antennas (802.11n)
- 2 x 4G/3G Swivel mount antennas

VOIP

Protocol

- SIP2.0
- G.711, G.723 and G.726
- FAX T.38 FAX Relay

MEDIA

- File sharing
- DLNA

SECURITY

- Firewall
- MAC filtering

ROUTING

- Static Route
- Dynamic Route (RIP v1/v2)
- DMZ
- Supports Layer 2 Bridge Mode

ADMINISTRATION

- QoS
- SNMP
- UPnP
- Syslog
- Web-based UI
- Remote Login
- TR-069 Auto provisioning
- Backup/Restore Settings

COMPLIANCE

- RCM, NZ Telepermit

PACKAGE INCLUDES

- NetComm Wireless VDSL/ADSL AC1600 Dual Band AC1600 WiFi Modem Router with VoIP
- 2 x 4G/LTE antennas
- Power Adapter
- Printed Quick Start Guide
- Ethernet Cable (1.5m, RJ45)
- Phone Cable (1.5m, RJ11)
- Wireless Security Card
- Warranty Card

ENVIRONMENTAL AND PHYSICAL

- Operating temperature: 0-40°C, Humidity: 10%-95% non-condensing
- Storage temperature: -10-60°C, Humidity: 5%-95% non-condensing
- DC Input Voltage 12V/2.5A
- Dimensions: 230 (w) x 200 (h) x 75 (d) mm
- Weight: 562 grams (approximately)

1. Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11 n and 802.11ac specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.